

AL030903
17 jul



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
04.09.1996 Bulletin 1996/36

(51) Int Cl.⁶: **G11B 27/034, G11B 27/32,
G11B 20/10, G11B 20/12,
G11B 7/00**

(21) Application number: **96300998.0**

(22) Date of filing: **14.02.1996**

(84) Designated Contracting States:
DE FR GB IT NL

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(30) Priority: **28.02.1995 US 397660**

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(54) **Compact disc recording system and method**

(57) An improved file system (55) and method for incrementally recording data on compact discs (20) is disclosed. The improved file system (55) and method employs compact discs (20) physically formatted in accordance with the so-called Orange Book specification. Files to be stored are selected from time to time and are divided into packets. The packets are then recorded in a program area of the compact disc (20) together with link, run-in and run-out blocks in a format compatible with the Orange Book rules for linking incrementally recorded packets. File linking information is also stored

with each file. If desired, files may, but need not, be recorded in a form compatible with existing CD-ROM and drivers adhering to the ISO-9660 standard. As selected files are recorded, file and directory information are stored in a first storage area either in a host system or in a track of the compact disc in a double linked and highly efficient format. From time to time, and if desired, this information may be recorded in ISO 9660 format in a reserved first track of a session. This may occur upon closing the session, at some other time, or not at all. Multiple sessions may be recorded on the same compact disc (20).

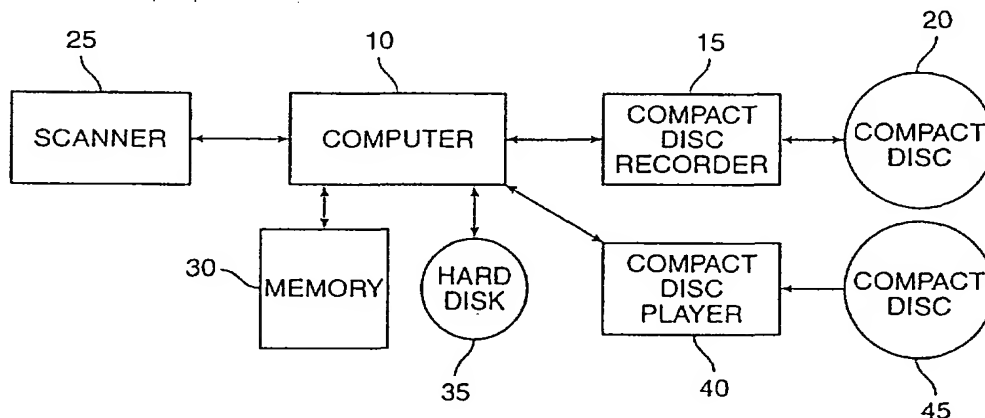


FIG. 1